What is claimed is:

1   1.   A method for operating a wireless device, comprising:

2   receiving a wireless signal from a wireless body appliance being worn by a user

3   that indicates that said user has been authenticated;

4   determining whether said user is within a predetermined distance of the wireless

5   device; and

6   when said user is within a predetermined distance of said wireless device,

7   automatically logging said user in to said wireless device.

1   2.   The method of claim 1, wherein:

2   said wireless body appliance authenticates said user using biometric

3   authentication.

1   3.   The method of claim 1, wherein:

2   said wireless body appliance is a piece of jewelry.

1   4.   The method of claim 1, wherein:

2   determining whether said user is within a predetermined distance of the wireless

3   device includes determining whether a power level being received from said wireless

4   body appliance is above a threshold level.

1   5.   The method of claim 1, wherein:

2   when said user is within a predetermined distance of said wireless device and

3   said user is logged in to said wireless device, automatically unlocking said wireless

4   device.

1   6.   The method of claim 1, wherein:

2   when said user is not within a predetermined distance of said wireless device

3   and said user is logged in to said wireless device, automatically locking said wireless

4   device.

1   7.   A wireless body appliance comprising:

2   at least one biometric sensor to measure biometric information from a user

3   wearing said wireless body appliance;

4   a biometric authentication unit to determine whether said user is an authorized

5   user associated with said body appliance, based on said biometric information; and

6   a wireless transmitter to transmit a signal indicating that said user has been

7   authenticated when said biometric authentication unit determines that said user is an

8   authorized user.

1   8.   The wireless body appliance of claim 7, wherein:

2   said body appliance is a piece of jewelry.

1   9.   The wireless body appliance of claim 7, wherein:

2   said body appliance includes one of the following: a ring, a locket, a brooch, a

3   bracelet, a necklace, a watch, and a wearable telephone.

1   10.   The wireless body appliance of claim 7, wherein:

2   said at least one biometric sensor includes at least one of the following: a

3   fingerprint sensor, a retinal scanner, a voice sensor, a body chemistry sensor, a skin

4   temperature sensor, a skin texture sensor, a hand geometry sensor, a heartbeat sensor, a

5   camera.

1   11.   The wireless body appliance of claim 7, wherein:

2   said wireless transmitter is configured in accordance with a Bluetooth protocol.

1   12.   The wireless body appliance of claim 7, further comprising:

2   at least one notification structure for use in notifying said user of the occurrence

3   of an event.

1 13. The wireless body appliance of claim 12, wherein:

2 said at least one notification structure includes multiple different notification

3 structures, wherein the particular notification structure that is used to notify a user

4 depends on a current location of the user.

1 14. The wireless body appliance of claim 12, wherein:

2 said at least one notification structure includes at least one of: a vibrating

3 element, an audible tone generator, an illumination device, a heating element, and a

4 cooling element.

1 15. A wireless device comprising:

2 a user interface;

3 a controller to control operation of said wireless device, said controller being in

4 communication with said user interface to accept input from a user and to deliver output

5 to said user; and

6 a wireless transceiver to support wireless communication with at least one other

7 wireless entity;

8 wherein said controller is programmed to: receive an indication that a user has

9 been authenticated by a wireless body appliance being worn by said user, determine

10 whether said authenticated user is within a predetermined distance of said wireless

11 device, and automatically log in said authenticated user to said wireless device when

12 said authenticated user is determined to be within a predetermined distance of said

13 wireless device.

1 16. The wireless device of claim 15, wherein:

2 said user interface includes at least one of the following: a display, a keypad, a

3 keyboard, a touch screen, a stylus, a mouse, scroll buttons, a track ball, a joystick, and

4 control buttons.

1 17. The wireless device of claim 15, wherein:

2 said controller determines whether said user is within a predetermined distance

3 of said wireless device by determining whether a power level being received from said

4 wireless body appliance is above a threshold level.

1 18. The wireless device of claim 15, wherein:

2 said wireless transceiver is configured in accordance with a Bluetooth protocol.

1 19. The wireless device of claim 15, wherein:

2 said controller is programmed to automatically unlock said wireless device

3 when said user is within a predetermined distance of said wireless device and said user

4 is logged in to said wireless device.

1 20. The wireless device of claim 15, wherein:

2 said controller is programmed to automatically lock said wireless device when

3 said user is not within a predetermined distance of said wireless device and said user is

4 logged in to said wireless device.

1 21. The wireless device of claim 15, wherein:

2 said controller is programmed to send a wireless notification signal to said

3 wireless body appliance when a predetermined event occurs, wherein said wireless

4 body appliance notifies said user in response to said wireless notification signal.

1 22. A method for use in a wireless network in which a wireless device

2 communicates with a wireless body appliance being worn by a user, comprising:

3 identifying one or more events for which the user is to be notified via the

4 wireless body appliance; and

5   when an identified event occurs, transmitting a wireless notification signal to the

6 wireless body appliance to notify the user of the occurrence.

1 23. The method of claim 22, wherein:

2   said one or more events includes at least one of the following: receiving a

3 telephone call within the wireless device, receiving an email message within the

4 wireless device, receiving an instant message within the wireless device, receiving a

5 facsimile message within the wireless device, receiving a telephone call from a

6 particular source within the wireless device, receiving an email message from a

7 particular source within the wireless device, receiving an instant message from a

8 particular source within the wireless device, receiving a facsimile message from a

9 particular source within the wireless device, a scheduled task reminder occurring, a

10 scheduled calendar reminder occurring, a change in a calendar, a change in a to do list,

11 a change in a task list, and a stock price reaching a specified value.

1 24. The method of claim 22, wherein:

2   said one or more events are user specified.

1 25. The method of claim 22, further comprising:

2   identifying types of notification to be given by the wireless body appliance in

3 different types of locations.

1 26. The method of claim 25, wherein:

2   transmitting a wireless notification signal includes:

3   determining a present location of the wireless device;

4   determining whether one or more types of notification have been

5   identified for said present location; and

6   configuring said wireless notification signal to provide the identified

7   types of notification within the wireless body appliance when one or more types

8   of notification have been identified for said present location.

1 27. The method of claim 25, wherein:

2   identifying types of notification includes identifying at least one of the following

3 types of notification for a first type of location: vibration, audible signal, illumination,

4 increased temperature, and decreased temperature.

1 28. The method of claim 22, wherein:

2   said wireless body appliance is a piece of jewelry.

1 29. An article comprising a storage medium having instructions stored thereon that,

2 when executed by a computing platform, operate to:

3   receive a wireless signal from a wireless body appliance being worn by a user

4 that indicates that said user has been authenticated;

5   determine whether said user is within a predetermined distance of the wireless

6 device; and

7   when said user is within a predetermined distance of said wireless device,

8 automatically log said user in to said wireless device.

1 30. The article of claim 29, wherein said storage medium further includes

2 instructions that, when executed by the computing platform, operate to:

3   · when said user is within said predetermined distance of said wireless device and

4 said user is logged in to said wireless device, automatically unlock said wireless device.

1 31. The article of claim 29, wherein said storage medium further includes

2 instructions that, when executed by the computing platform, operate to:

3   when said user is not within a predetermined distance of said wireless device

4   and said user is logged in to said wireless device, automatically lock said wireless

5   device.

1   32.   A wireless device comprising:

2   at least one dipole antenna;

3   a user interface;

4   a controller to control operation of said wireless device, said controller being in

5   communication with said user interface to accept input from a user and to deliver output

6   to said user; and

7   a wireless transceiver, coupled to said at lest one dipole antenna, to support

8   wireless communication with at least one other wireless entity;

9   wherein said controller is programmed to: receive an indication that a user has

10   been authenticated by a wireless body appliance being worn by said user, determine

11   whether said authenticated user is within a predetermined distance of said wireless

12   device, and automatically log in said authenticated user to said wireless device when

13   said authenticated user is determined to be within a predetermined distance of said

14   wireless device.

1   33.   The wireless device of claim 32, wherein:

2   said wireless transceiver is configured in accordance with a Bluetooth protocol.

1   34.   The wireless device of claim 32, wherein:

2   said controller is programmed to automatically unlock said wireless device

3   when said user is within a predetermined distance of said wireless device and said user

4   is logged in to said wireless device.

1   35.   The wireless device of claim 32, wherein:

2   said controller is programmed to automatically lock said wireless device when

3 said user is not within a predetermined distance of said wireless device and said user is

4 logged in to said wireless device.

1 36. The wireless device of claim 32, wherein:

2   said controller is programmed to send a wireless notification signal to said

3 wireless body appliance when a predetermined event occurs, wherein said wireless

4 body appliance notifies said user in response to said wireless notification signal.